

Form PTO-1449 (Substitute)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number BEAS-01439US1	Application/Patent Number 10/785,564
Information Disclosure Statement BY APPLICANT (Use several sheets if necessary)		Applicant/Patent Owner Piehler, et al.	
		Filing/Issue Date February 24, 2004	Group Art Unit 2122

U.S. PATENTS							
Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
CP	1.	6,222,533	04/24/2001	Notani	715	733	
	2.	6,292,932	09/18/2001	Baisley	717	114	
	3.	6,330,569	12/11/2001	Baisley	707	203	
	4.	6,343,265	01/29/2002	Glebov	703	25	
	5.	6,408,311	06/18/2002	Baisley	707	203	
	6.	6,560,769	05/06/2003	Moore	717	100	
	7.	6,594,700	07/15/2003	Graham	709	230	
	8.	6,678,518	01/13/2004	Eerola	455	422.1	
	9.	6,687,702 B2	02/03/2004	Vaitheeswaran	707	10	
	10.	6,687,848	02/03/2004	Najmi	714	4	
	11.	6,850,979	02/01/2005	Saulpaugh	709	225	
	12.	6,915,519	07/05/2005	Williamson	719	313	
	13.	6,918,084	07/12/2005	Slaughter	715	513	
	14.	6,976,086	12/13/2005	Sadeghi	709	236	
	15.	7,054,858	05/30/2006	Sutherland	707	4	
	16.	6,070,184 A	05/30/2000	Blount	709	200	
	17.	6,721,799 B1	04/13/2004	Maffeis	709	202	
	18.	6,141,701 A	10/31/2000	Whitney	710	5	
	19.	6,411,698 B1	06/25/2002	Bauer	379	207.01	
	20.	6,012,083 A	01/04/2000	Savitzky	709	202	
	21.	6,212,546 B1	04/03/2001	Starkovich	709	203	
✓	22.	6,748,420	06/08/2004	Quatrano	709	205	

U.S. Patent Application No. 10/785,564
Attorney Docket No.: BEAS-01439US1

- 4 -

tplunkett/beas/1439us1/1439us1_supp_IDS.wpd

Examiner Signature: _____



Date Considered: _____

4/16/07

Form PTO-1449 (Substitute)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number BEAS-01439US1	Application/Patent Number 10/785,564
Information Disclosure Statement BY APPLICANT (Use several sheets if necessary)		Applicant/Patent Owner Piehler, et al.	
		Filing/Issue Date February 24, 2004	Group Art Unit 2122

U.S. PATENTS							
Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
CP	23.	7,117,504 B2	10/03/2006	Smith	709	201	
	24.	6,963,914 B1	11/08/2005	Breitbart	709	226	
	25.	6,889,244 B1	05/03/2005	Gaither	709	202	
	26.	6,445,711 B1	09/03/2002	Scheel	370	402	
	27.	6,070,184 A	05/30/2000	Blount	709	202	
	28.	6,377,939	04/23/2002	Young	705	34	
	29.	6,959,307	10/25/2005	Apte	707	104.1	
	30.	6,092,102	07/18/2000	Wagner	340	7.29	
	31.	6,757,689	06/29/2004	Battas	707	101	
	32.	6,567,738	05/20/2003	Gopp	701	109	
↓	33.	5,867,822	02/02/1999	Sankar	705	8	
U.S. PATENT PUBLICATIONS							
Examiner Initial		Patent Application Publication Number	Publication Date	Applicant			
CP	34.	2002/0010781 A1	01/24/2002	Tuatini			
	35.	2002/0120685 A1	08/29/2002	Srivastava			
	36.	2002/0152106	10/17/2002	Stoxen			
	37.	2002/0174178 A1	11/21/2002	Stawikowski			
	38.	2002/0194267 A1	12/19/2002	Flesner			
	39.	2002/0194495	12/19/2002	Gladstone			
	40.	2003/0018832 A1	01/23/2003	Amirisetty			
↓	41.	2003/0014439	01/16/2003	Boughannam			

U.S. Patent Application No. 10/785,564
Attorney Docket No.: BEAS-01439US1

- 5 -

tplunkett/beas/1439us1/1439us1_supp_IDS.wpd

Examiner Signature: _____

Date Considered: _____

4/16/07

Form PTO-1449 (Substitute)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number BEAS-01439US1	Application/Patent Number 10/785,564
Information Disclosure Statement BY APPLICANT (Use several sheets if necessary)		Applicant/Patent Owner Piehler, et al.	
		Filing/Issue Date February 24, 2004	Group Art Unit 2122

U.S. PATENT PUBLICATIONS					
Examiner Initial		Patent Application Publication Number	Publication Date	Applicant	
CP	42.	2003/0004746 A1	01/02/2003	Kheirrolomoom	
	43.	2003/0055868 A1	03/20/2003	Fletcher	
	44.	2003/0043191 A1	03/06/2003	Tinsley	
	45.	2003/0055878 A1	03/20/2003	Fletcher	
	46.	2003/0110446	06/12/2003	Nemer	
	47.	2003/0126136 A1	07/03/2003	Omoigui	
	48.	2003/0149791	08/07/2003	Kane	
	49.	2003/0167358	09/04/2003	Marvin	
	50.	2003/0196168	10/16/2003	Hu	
	51.	2004/0148336 A1	07/29/2004	Hubbard	
	52.	2004/0216086	10/28/2004	Bau	
	53.	2004/0260715	12/23/2004	Mongeon	
	54.	2002/0035604 A1	03/21/2002	Cohen	
	55.	2002/0083075	06/27/2002	Brummel	
	56.	2002/0010803	01/24/2002	Oberstein	
	57.	2002/0184610	12/05/2002	Chong	
	58.	2002/0004848	01/10/2002	Sudarshan	
	59.	2004/0204976	10/14/2004	Oyama	
PENDING U.S. PATENT APPLICATIONS					
Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes No

U.S. Patent Application No. 10/785,564
Attorney Docket No.: BEAS-01439US1

- 6 -

tplunkett/beas/1439us1/1439us1_supp_IDS.wpd

Examiner Signature: _____

Date Considered: _____

4/16/07

Form PTO-1449 (Substitute)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number BEAS-01439US1	Application/Patent Number 10/785,564
		Applicant/Patent Owner Piehler, et al.	
		Filing/Issue Date February 24, 2004	Group Art Unit 2122

Information Disclosure Statement
BY APPLICANT
(Use several sheets if necessary)

FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Trans- lation Yes No
OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)							
EP	60.	Chen, et al., "eCo Architecture to Electronic Commerce Interoperability," June 29, 1999, CommerceNet.					
CP	61.	Sosnoski, "XML and Java Technologies: Data binding, Part 1: Code generation approaches - JAXB and more," IBM, pages 1-11, 01-2003.					
CP	62.	Erich Liebmann et al., "Adaptive Data Dissemination and Caching for Edge Service Architectures built with the J2EE," March 2004, ACM Press, 2004 ACM Symposium on Applied Computing, pages 1717 -1724.					
Examiner <i>Piehler</i>				Date Considered <u>4/16/07</u>			
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> <p>*1 = Copy not submitted because it was submitted in prior application SN <u>/</u>, filed <u></u>, 20<u></u>, relied on under 35 USC §120.</p> <p>**2 = Copy not submitted because it was submitted in prior application SN <u>/</u>, filed <u></u>, 20<u></u>, relied on under 35 USC §120.</p>							

Examiner Signature: _____

Date Considered: _____

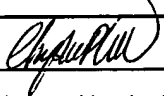
Form PTO-1449 (Substitute) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <i>Information Disclosure Statement</i> BY APPLICANT <i>(Use several sheets if necessary)</i>	Attorney Docket Number BEAS-01439US1	Application/Patent Number 10/785,564
	Applicant/Patent Owner Piehler, et al.	
	Filing/Issue Date February 24, 2004	Group Art Unit 2122

U.S. PATENTS							
Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
U	1.	6,721,779 B1	04/13/2004	Maffeis	709	202	

U.S. PATENT PUBLICATIONS				
Examiner Initial		Patent Application Publication Number	Publication Date	Applicant

PENDING U.S. PATENT APPLICATIONS					
Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes No

FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Trans- lation Yes No

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)	
Examiner	
Date Considered	4/16/2007

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*1 = Copy not submitted because it was submitted in prior application SN __/____, filed _____, 20____, relied on under 35 USC §120.

*2 = Copy not submitted because it was submitted in prior application SN __/____, filed _____, 20____, relied on under 35 USC §120.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number		10785564
Filing Date		2004-02-24
First Named Inventor	Britton Worth Piehler	
Art Unit	2122	
Examiner Name		
Attorney Docket Number	BEAS-01439US1	

U.S. PATENTS

[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
CP	1	5836014		1998-11-10	Faiman	
	2	6732237	B1	2004-05-04	Jacobs et al.	
	3	6804686	B1	2004-10-12	Stone et al.	
	4	6028997	A1	2000-02-22	Leymann et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

[Add](#)

U.S. PATENT APPLICATION PUBLICATIONS

[Remove](#)

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

[Add](#)

FOREIGN PATENT DOCUMENTS

[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10785564
Filing Date		2004-02-24
First Named Inventor	Britton Worth Piehler	
Art Unit	2122	
Examiner Name		
Attorney Docket Number	BEAS-01439US1	

	1							<input type="checkbox"/>
--	---	--	--	--	--	--	--	--------------------------


If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
CP ↓	1	BLAKE, Rule-Driven Coordination Agents: "A Self-Configurable Agent Architecture for Distributed Control", IEEE March 2001, pages 271-277.	<input type="checkbox"/>
	2	DAHALIN et al., "Workflow Interoperability Using Extensible Markup Language (XML), IEEE, July 2002, pages, 513-516	<input type="checkbox"/>
	3	KUNISETTY, "Workflow Modeling and Simulation Using an Extensible Object-Oriented Knowledge Based Management System" Citeseer, 1996 pages 1-60	<input type="checkbox"/>
	4	VAN DER AAIST et al., "Verification of XRL: An XML-Based Workflow Language, IEEE, July 2001, pages 427-432	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	4/16/07
--------------------	---	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number	10785564
Filing Date	2004-02-24
First Named Inventor	Britton Worth Piehler
Art Unit	2122
Examiner Name	
Attorney Docket Number	BEAS-01439US1

U.S. PATENTS

[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
CP	1	5801958		1998-09-01	Dangelo et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

[Add](#)

U.S. PATENT APPLICATION PUBLICATIONS

[Remove](#)

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

[Add](#)

FOREIGN PATENT DOCUMENTS

[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

[Add](#)

NON-PATENT LITERATURE DOCUMENTS

[Remove](#)

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10785564
Filing Date	2004-02-24
First Named Inventor	Britton Worth Piehler
Art Unit	2122
Examiner Name	
Attorney Docket Number	BEAS-01439US1

	1		<input type="checkbox"/>
--	---	--	--------------------------

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	<i>Chryslar Piehler</i>	Date Considered	4/16/07
--------------------	-------------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Form PTO-1449
(Substitute)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Attorney Docket Number

BEAS-01439US1

Serial/Patent Number

10/785,564

Information Disclosure Statement
BY APPLICANT
(Use several sheets if necessary)

Applicant/Patent Owner

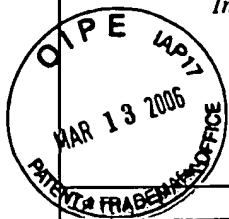
Piehler et al.

Filing/Issue Date

February 24, 2004

Group Art Unit

2122



U.S. PATENTS

Examiner Initial	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
CP	5,321,841	06/14/94	East et al.			
	5,748,975	05/05/98	Van DeVanter			
	5,835,769	11/10/98	Jervis et al.			
	5,836,014	11/10/98	Faiman, Jr.			
	5,961,593	10/05/99	Gabber et al.			
	6,044,217	03/28/00	Brealey et al.			
	6,067,623	05/23/00	Blakely, III et al.			
	6,119,149	09/12/00	Notani			
	6,226,675	05/01/01	Meltzer et al.			
	6,230,287	05/08/01	Pinard et al.			
	6,338,064	01/08/02	Ault et al.			
	6,353,923	03/05/02	Bogle et al.			
	6,594,693	07/15/03	Borwankar			
	6,604,198	08/05/03	Beckman et al.			
	6,732,237	05/04/04	Jacobs et al.			
	6,795,967	09/21/04	Evans et al.			
	6,802,000	10/05/04	Greene et al.			
	6,804,686	10/12/04	Stone et al.			

U.S. PATENT PUBLICATIONS

Examiner Initial	Patent Application Publication Number	Publication Date	Applicant
CP	2002/0016759	02/07/02	Macready et al.
	2002/0078365	06/20/02	Burnett et al.
	2002/0165936	11/07/02	Alston et al.
	2003/0018665	01/23/03	Dovin et al.



2003/0041198	02/27/03	Exton et al.
2003/0110117	06/12/03	Saidenberg et al.
2004/0133660	07/08/04	Junghuber et al.
2004/0225995	11/11/04	Marvin et al.

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

CP	Paul, Laura Gibbons, "RosettaNet: Teaching Business to Work together", 10/1/1999; 10 pages
CP	Introducing Microsoft DotNet" Christopher Lauer; 07/02/2002; 4 pages

<u>Examiner</u> <i>Christopher</i>	<u>Date Considered</u> <i>4/16/07</i>
------------------------------------	---------------------------------------

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*1 = Copy not submitted because it was submitted in prior application SN / , filed , 20 , relied on under 35 USC §120.
 *2 = Copy not submitted because it was submitted in prior application SN _/_, filed , 20 , relied on under 35 USC §120.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number	10785564
Filing Date	2004-02-24
First Named Inventor	Britton Worth Piehler
Art Unit	2122
Examiner Name	
Attorney Docket Number	BEAS-01439US1

U.S. PATENTS

[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
CP	1	5966535		1999-12-10	Benedikt et al.	
CP	2	6029000		2000-02-22	Woolsey et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

[Add](#)

U.S. PATENT APPLICATION PUBLICATIONS

[Remove](#)

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
UP	1	20020174241	A1	2002-11-21	Beged-Dov	
UP	2	20030005181	A1	2003-01-02		

If you wish to add additional U.S. Published Application citation information please click the Add button.

[Add](#)

FOREIGN PATENT DOCUMENTS

[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10785564
Filing Date	2004-02-24
First Named Inventor	Britton Worth Piehler
Art Unit	2122
Examiner Name	
Attorney Docket Number	BEAS-01439US1


If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1		<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	4/16/07
--------------------	---	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.